

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|---|------------------|---------|------------------|
| S1 | 23 | HEIN-DAVID HEIN-DAVID-A HEIN-DAVID-ANTHONY | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/01/10 15:04 |
| S2 | 7 | CASS-MICHAEL CASS-MICHAEL-W | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/12/30 21:19 |
| S3 | 26 | DEPUE-T DEPUE-TODD DEPUE-TODD-L DEPUE-T-L | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/12/30 21:20 |
| S5 | 8 | BANTER-CHARLES-BRUCE BANTER-CHARLES-BBANTER-B BANTER-BRUCE BANTER-CHARLES-BRUCE BANTER-C-B BANTER-C-BRUCE | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/01/07 20:24 |
| S8 | 0 | S1 and S2 and S3 and S5 | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2004/12/30 21:25 |
| S9 | 0 | S1 and S2 and S3 | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2004/12/30 21:25 |
| S10 | 62 | S1 S2 S3 S5 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/12/30 21:34 |
| S11 | 22 | 341/27.ccls. and capacitance | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/01/07 20:35 |
| S12 | 192 | 341/33.ccls. and capacitance | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/01/07 20:37 |
| S13 | 104 | 200/600.ccls. and capacitance | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/01/07 20:32 |
| S14 | 11 | ("6529122" "0465091" "200301217 66" "20020144886" "5760715" "200 30159910").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/01/07 20:15 |

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|-----|----|---|-------|----|----|------------------|
| S15 | 50 | ("6140713" "5412166" "4818827" "5371326" "5335137" "5791459" "4551586" "5198793" "4451714" "4920342" "4275521" "5716129" "5783875" "5672128" "5945929" "4267417" "4369421" "4378541" "4388509" "4413252" "4764770" RE32747 "4901074" "5826706" "5862844" "4262182" "4303960" "4529959" "4551598" "4562315" "4786767" "4810997" "4878107" "4967467" "5061830" "5409239" "5478268" "5574623" "5616897" "5684255" "5760715" "5838244" "6199438" "6469267" "6750414" "4622437" "4507716" "6236037" "4276538" "4847586").pn. | USPAT | OR | ON | 2004/12/30 21:51 |
| S16 | 49 | ("5767466" "5770914" "5788633" "5803243" "5856641" "5880523" "5973420" "5987739" "4460810" "5685561" "6020563" "4317014" "4360562" "4418256" "4496812" "4624049" "4775212" "4853505" "4926007" "5381330" "5401926" "5404281" "5512721" "5574266" "5600100" "5631613" "5661277" "5723834" "5760352" "5979796" "6002092" "6034576" "6051899" "6091038" "6147396" "6226174" "6226174" "6249041" "4484094" "5464021" "4991045" "5185683" "4382257" "4289980" "4329803" "4529849" "4541632" "4894813" "4993050" "5222740").pn. | USPAT | OR | ON | 2004/12/30 21:53 |
| S17 | 50 | ("4875497" "4918264" "5177467" "5291068" "5313027" "5315081" "5489754" "5597183" "5695859" "5696363" "5828289" "5886615" "5910355" "5962118" "5967299" "6072130" "6166340" "6344918" "6377685" "5993247" "5727675" "5283040" "5346673" "5828285" "5952633" "4266314" "6026888" "5012272" "5291232" "5257053" "5995380" "6042487" "5298706" "4510353" "5513078" "4320440" "4385215" "4857683" "4857684" "4922070" "6246169" "5942733" "4625075" "5920310" "5945980" "6042386" "6152742" "6680731" "5519524" "5677688").pn. | USPAT | OR | ON | 2004/12/30 21:53 |
| S33 | 3 | ("6529122" "0465091" "200301217 66" "20020144886" "5760715" "200 30159910").PN. | USPAT | OR | ON | 2005/01/07 20:08 |

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| S34 | 6 | ("6529122" "0465091" "20030121766" "20020144886" "5760715" "20030159910").PN. | US-PGPUB; USPAT | OR | ON | 2005/01/07 20:08 |
| S36 | 16 | ("6529122" "0465091" "20030121766" "20020144886" "5760715" "20030159910") | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/01/07 20:19 |
| S37 | 17 | ("6529122" "0465091" "20030121766" "20020144886" "5760715" "20030159910")"6723937" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/01/07 20:20 |
| S38 | 7 | CASS-MICHAEL CASS-MICHAEL-W | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/01/07 20:22 |
| S39 | 5 | CASS-MICHAEL CASS-MICHAEL-W and switch | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/01/07 20:22 |
| S40 | 26 | DEPUE-T DEPUE-TODD DEPUE-TODD-L DEPUE-T-L | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/01/07 20:23 |
| S41 | 3 | (DEPUE-T DEPUE-TODD DEPUE-TODD-L DEPUE-T-L) and switch | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/01/07 20:23 |
| S42 | 6 | (BANTER-CHARLES-BRUCE BANTER-CHARLES-BBANTER-B BANTER-BRUCE BANTER-CHARLES-BRUCE BANTER-C-B BANTER-C-BRUCE) and switch | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/01/07 20:25 |
| S43 | 195 | 200/600.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/01/07 20:31 |
| S44 | 0 | 200/600.ccls. and capacitance not capacitance | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/01/07 20:33 |
| S45 | 91 | 200/600.ccls. not capacitance | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/01/07 20:33 |
| S46 | 109 | 341/27.ccls. not capacitance | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/01/07 20:35 |

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| S47 | 109 | 341/33.ccls. not capacitance | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/01/07 20:38 |
| S48 | 11 | 341/33.ccls. not capacitance and "200"/\$.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/01/07 20:39 |
| S49 | 3868 | touch adj switch | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/01/10 15:04 |
| S50 | 4 | touch adj switch and parallel electrodes | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2005/01/10 15:08 |
| S51 | 3 | touch switch and group\$3 electrodes | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2005/01/10 15:10 |
| S52 | 0 | touch switch and (circular or square) near array\$3 with electrodes | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2005/01/10 15:11 |
| S53 | 25 | touch switch and array\$3 with electrodes | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2005/01/10 15:17 |
| S54 | 174 | capacitive switch and electrodes | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2005/01/10 15:20 |
| S55 | 566 | touch switch and electrodes | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2005/01/10 15:20 |
| S56 | 7 | touch switch and adjacent electrodes | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2005/01/10 15:28 |
| S57 | 0 | touch switch and multi molding process and electrodes | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2005/01/10 15:28 |
| S58 | 8 | touch switch and molding process and electrodes | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2005/01/10 15:31 |

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| S59 | 29 | touch switch and molding and electrodes | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2005/01/10 15:32 |
| S60 | 21 | S59 not S58 | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2005/01/10 15:32 |
| S61 | 4947 | plastic near conductive | USPAT | OR | ON | 2005/01/17 20:02 |
| S62 | 6466 | plastic near conduct\$3 | USPAT | OR | ON | 2005/01/17 20:13 |
| S63 | 1018 | plastic adj conduct\$3 | USPAT | OR | ON | 2005/01/17 20:04 |
| S64 | 1 | plastic adj conduct\$3 adj traces | USPAT | OR | ON | 2005/01/17 20:04 |
| S65 | 3 | plastic near conduct\$3 near traces | USPAT | OR | ON | 2005/01/17 20:08 |
| S66 | 492 | plastic near conductor\$ | USPAT | OR | ON | 2005/01/17 20:09 |
| S67 | 135 | plastic adj conductor\$ | USPAT | OR | ON | 2005/01/17 20:09 |
| S68 | 46 | plastic near conductor\$ and capacitance | USPAT | OR | ON | 2005/01/17 20:09 |
| S69 | 3 | plastic near conductor\$ and touch near switch | USPAT | OR | ON | 2005/01/17 20:09 |
| S70 | 243 | plastic near conduct\$3 and "200"/\$. ccls. | USPAT | OR | ON | 2005/01/17 20:13 |
| S71 | 40 | plastic adj conduct\$3 and "200"/\$. ccls. | USPAT | OR | ON | 2005/01/17 20:13 |
| S72 | 44 | plastic adj conduct\$3 and "200"/\$. ccls. | US-PGPUB; USPAT | OR | ON | 2005/01/17 20:44 |
| S73 | 5 | ("4562315" "5512718" "0594222" "6310611" "6320282").PN. | US-PGPUB; USPAT | OR | ON | 2005/01/17 20:52 |
| S74 | 5 | ("20030094354" "5250930" "5424729" "5710400" "5861583").PN. | US-PGPUB; USPAT | OR | ON | 2005/01/17 21:01 |
| S75 | 119 | touch panel same touch switch | US-PGPUB; USPAT | ADJ | ON | 2005/01/17 21:01 |
| S76 | 15 | touch panel same touch switch and "200"/\$.ccls. | US-PGPUB; USPAT | ADJ | ON | 2005/01/17 21:04 |
| S77 | 104 | S75 not S76 | US-PGPUB; USPAT | ADJ | ON | 2005/01/17 21:04 |
| S78 | 21 | S75 not S76 and 345/173.ccls. | US-PGPUB; USPAT | ADJ | ON | 2005/01/17 21:08 |
| S79 | 24 | first shot mold | US-PGPUB; USPAT | ADJ | ON | 2005/01/17 21:08 |
| S80 | 34 | second shot mold | US-PGPUB; USPAT | ADJ | ON | 2005/01/17 21:08 |
| S81 | 22 | S79 and S80 | US-PGPUB; USPAT | ADJ | ON | 2005/01/17 21:11 |
| S82 | 0 | S79 and S80 and plastic conductors | US-PGPUB; USPAT | ADJ | ON | 2005/01/17 21:27 |

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| S83 | 6 | plastic conductors and "200"/\$.ccls. | US-PGPUB; USPAT | ADJ | ON | 2005/01/17 21:13 |
| S84 | 175 | conductive plastic and "200"/\$.ccls. | US-PGPUB; USPAT | ADJ | ON | 2005/01/17 21:18 |
| S85 | 0 | conductive plastic and "200"/\$.ccls. same touch switch | US-PGPUB; USPAT | ADJ | ON | 2005/01/17 21:19 |
| S86 | 3 | conductive plastic and "200"/\$.ccls. and touch switch | US-PGPUB; USPAT | ADJ | ON | 2005/01/17 21:21 |
| S87 | 13 | conductive plastic and touch switch | US-PGPUB; USPAT | ADJ | ON | 2005/01/17 21:22 |
| S88 | 8 | conductive plastic and capacitor switch | US-PGPUB; USPAT | ADJ | ON | 2005/01/17 21:25 |
| S89 | 16 | conductive plastic and capacit\$3 switch | US-PGPUB; USPAT | ADJ | ON | 2005/01/17 21:23 |
| S90 | 8 | S89 not S88 | US-PGPUB; USPAT | ADJ | ON | 2005/01/17 21:23 |
| S91 | 2 | S79 and S80 and conductive plastic\$ | US-PGPUB; USPAT | ADJ | ON | 2005/01/17 21:27 |
| S92 | 0 | (conductive near trace) same (conductive near modifier) same increas\$3 near conductivity | USPAT | OR | ON | 2005/01/19 19:21 |
| S93 | 0 | (conductive near trace) and (conductive near modifier) and increas\$3 near conductivity | USPAT | OR | ON | 2005/01/19 19:22 |
| S94 | 11 | (conductive near modifier) | USPAT | OR | ON | 2005/01/19 19:33 |
| S95 | 32 | (conductive near modifier) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/01/19 19:22 |
| S96 | 16499 | increas\$3 conductivity | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | NEAR | ON | 2005/01/19 19:23 |
| S97 | 0 | S95 and S96 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | NEAR | ON | 2005/01/19 19:23 |
| S98 | 1 | conductive plastic trace\$ | USPAT | NEAR | ON | 2005/01/19 19:24 |
| S99 | 3 | conductive plastic trace\$ | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | NEAR | ON | 2005/01/19 19:24 |
| S10 0 | 9265 | plastic substrate | USPAT | ADJ | ON | 2005/01/19 19:34 |

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|----------|-------|--|--------------------|------|----|------------------|
| S10 1 | 12460 | plastic substrate | USPAT | NEAR | ON | 2005/01/19 19:34 |
| S10 2 | 9734 | parallel channel\$ | USPAT | ADJ | ON | 2005/01/19 19:34 |
| S10 3 | 13080 | parallel channel\$ | USPAT | NEAR | ON | 2005/01/19 19:35 |
| S10 4 | 45 | S100 and S102 | USPAT | NEAR | ON | 2005/01/19 19:40 |
| S10 5 | 2 | S100 same S102 | USPAT | NEAR | ON | 2005/01/19 19:42 |
| S10 6 | 2 | S101 same S103 | USPAT | NEAR | ON | 2005/01/19 19:42 |
| S10 7 | 58 | S101 and S103 | USPAT | NEAR | ON | 2005/01/19 19:43 |
| S10 8 | 5929 | touch panel or touch switch | USPAT | ADJ | ON | 2005/01/19 19:38 |
| S10 9 | 1 | S108 and (S104 S105 S106 S107) | USPAT | OR | ON | 2005/01/19 19:39 |
| S11 0 | 2 | S100 same S102 | USPAT | NEAR | ON | 2005/01/19 19:41 |
| S11 1 | 13 | S107 not S104 | USPAT | NEAR | ON | 2005/01/19 20:06 |
| S11 2 | 5 | touch switch and light pipes and channels | USPAT | NEAR | ON | 2005/01/19 20:32 |
| S11 3 | 4 | touch panel and light pipes and channels | USPAT | NEAR | ON | 2005/01/19 20:07 |
| S11 4 | 435 | light pipes same channels | USPAT | NEAR | ON | 2005/01/19 20:33 |
| S11 5 | 0 | touch switch and light pipes same channels | USPAT | NEAR | ON | 2005/01/19 20:33 |
| S11 6 | 0 | touch panel and light pipes same channels | USPAT | NEAR | ON | 2005/01/19 20:33 |
| S11 7 | 130 | substrate and light pipes same channels | USPAT | NEAR | ON | 2005/01/19 20:33 |
| S11 8 | 26 | substrate same light pipes same channels | USPAT | NEAR | ON | 2005/01/19 20:35 |
| S11 9 | 0 | substrate same light pipes same channels same embedded | USPAT | NEAR | ON | 2005/01/19 20:34 |
| S12 0 | 32 | substrate same light pipes same channels | US-PGPUB; USPAT | NEAR | ON | 2005/01/19 20:34 |
| S12 1 | 6 | S120 not S118 | US-PGPUB; USPAT | NEAR | ON | 2005/01/19 20:34 |